GIGABYTE H810M GAMING WIFI6 Motherboard - Intel Core Ultra (Series 2) CPUs, 4+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCle 4.0 M.2, 2.5GbE LAN, WIFI 6, USB 3.2 Gen 1

Brand: GIGABYTE Product code: H810M GAMING WIFI6

Product name : H810M GAMING WIFI6 Motherboard - Intel Core Ultra (Series 2) CPUs, 4+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 2.5GbE LAN, WIFI 6, USB 3.2 Gen 1

- Supports Intel Core Ultra processors (Series 2)
- WIFI EZ-Plug: Quick and easy design for Wi-Fi antenna installation
- EZ-Latch: PCIe x16 Slot with Quick Release Design
- M.2 EZ-Latch Plus: Screwless installation for M.2 SSDs
- Friendly UI: Multi-Theme, and Q-Flash Auto Scan in BIOS and SW
- Ultra-Fast Storage: PCle 4.0 x4 M.2 slots
- Efficient Thermal: VRM Thermal Armor Advanced & M.2 Thermal Guard
- Fast Networking: 2.5GbE LAN & Wi-Fi 6 802.11ax
- Extended Connectivity: HDMI, DisplayPort

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge





Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	WiFi-AP antenna jack	2
Processor socket *	LGA 1851 (Socket V1)	Network	
Compatible processor series * Supported processor sockets	Intel Core Ultra (Series 2) LGA 1851	Ethernet LAN	✓
	LGA 1631	Ethernet interface type	2.5 Gigabit Ethernet
Memory		LAN controller	Realtek RTL8125
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✓
Number of memory slots *	2	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Memory slots type	DIMM		802.11a, 802.11b, 802.11g, Wi-Fi 4
Memory channels	Dual-channel	Wi-Fi standards	(802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
ECC compatibility	ECC & Non-ECC	WLAN controller model	Realtek RTL8851BE
Supported memory clock speeds Supported memory clock speed	5600,6400 MHz	Bluetooth	✓
(max)	6400 MHz	Bluetooth version	5.3
Maximum internal memory *	128 GB	Features	
Unbuffered memory	✓		Int al 11010
Maximum internal memory per slot	64 GB	Motherboard chipset * Audio chip	Intel H810 Realtek ALC897
Storage controllers		Audio Criip Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	Dark brown
Supported storage drive interfaces * Number of HDDs supported		PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of storage drives supported		Component for *	PC
RAID support	/	Motherboard form factor *	micro ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
Graphics		Cooling type	Passive
		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		

Graphics		Expansion slots	
DirectX version	12.0	PCI Express x1 (Gen 3.x) slots	1
		PCI Express x16 (Gen 4.x) slots	1
Internal I/O		Number of M.2 (M) slots	1
USB 2.0 connectors *	2	1st M.2 largest key size	2280
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	1st M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	-	
S/PDIF out connector	✓	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size ACPI version	256 Mbit 5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	J.0 ✓
CPU fan connector	✓	, ,	•
Number of CPU fan connectors	1	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	2	System Management BIOS	2.7
EPS power connector (8-pin)	✓	(SMBIOS) version	2.1
Number of EPS power connectors (8-pin)	1	Logistics data	
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
Serial port headers	1	Battery	
RGB LED pin header	_ 	Battery weight	3 g
Number of RGB LED pin headers	2	Lithium weight per battery	0.07 g
		Number of battery cells	1
Rear panel I/O ports	_	Battery technology	Lithium-Manganese Dioxide
USB 2.0 ports quantity *	5		(LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Battery type Packaging data	CR2032
Ethernet LAN (RJ-45) ports *	1	Package width	270 mm
PS/2 ports quantity	1	Package depth	268 mm
HDMI ports quantity *	1	Package height	68 mm
HDMI version	2.1	Package weight	1.19 kg
DisplayPorts quantity	1		
DisplayPort version Headphone outputs	2.1	Weight & dimensions	
Line-in	· ✓	Width	244 mm
		Depth	215 mm
Microphone in	✓	Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.1 kg
		Technical details	
		Warranty period	3 year(s)
		wantancy period	5 year(5)





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Catalog Object Cloud



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